

CHETAN V KABADI
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[Design & Development Engineer, R&D]

Proficient in running successful method-oriented operations & taking initiatives for business excellence through process improvement

Industry Preference: Automotive / Automation / Fluid Power / Production / Design & Development

Location Preference: Anywhere in India, Abroad is also preferred

Profile Summary

- A result-oriented professional offering **2 years** of a successful career with diverse roles distinguished by commended performance in **Design and Development**.
- Interacting with customers to determine their requirements, Design and Develop to meet the requirements.
- Possess excellent communications skills and team oriented with proven leadership capabilities with proven ability to integrate out of the box thinking & problem solving analysis to improve processes, systems, and methodologies

Employment History

1] Triumph Engineers And Associates Pvt. Ltd. [An ISO – 9001 -2015 Certified Company.]

Duration : Since 6th June 2016 To Till Date

Designation : D & D Engineer, NPD Department

[Company Profile :-]

Triumph Engineers & Associates Pvt. Ltd and its Indo-German company **DIAMANT Triumph Metallplastic Pvt. Ltd.** to increase uptime, increase life of systems and components and reduce cost. TEA & DTM together provide a range of solutions from Fluid Power seals to high pressure pumps, custom machines and fluid power reconditioning to a range of polymeric systems for diverse industries for the maintenance, rectification and / or manufacturing of castings, way-liner surfaces, precision alignments of components and giant steel constructions.

2] Carbon Brush Company

Duration : 1st February – 2016 To May 28th 2016 (4 Months)

Designation : QA Engineer

[Company Profile :-]

Carbon brush Company is an Indian origin Carbon brush manufacturing company providing accessories to all the Armatures in DC Motors and Most of the Electronic rotary Equipments.

Key Responsibilities and Handled

Key Result Areas:

- Interaction with client for Technical Clarification, Project Status / Progress.
- Experience in Conceptualization & Design of mechanical parts as per the Customer requirement and discussion during the Design Approval.
- Experience in the field of Product Design, Development, Detailing and Release to Production.
- Personal Quality inspection of samples and giving approval for complete production.
- Better Exposure towards Quality Control and Quality notifications.
- Experience in changing the existing design according to clients requirement & checking interference in different assemblies. Also suggesting alternate solutions for better output with modern technologies.
- Experience in **New product Design & Development** from 1.5 years.
- Developing the products in house and developing the vendors for the production.
- Designing, Developing and Preparing the **BOM** for the products.

Highlights - Expertise

- Experience in CAD tools like **SOLIDWORKS 2017, CREO 2.0, AUTOCAD, HYPERMESH.**
- Basic knowledge on **Configuration of parts** using **SOLIDWORKS 2017.**
- Experience in **MS Excel, Powerpoint, Word.**
- Basic knowledge of **Coral DRAW**
- Experience over designing and development for 1.5 years
- Basic **Geometrical Dimensional and Tolerance (GD&T)**
- Strong problem solving Skill

Projects completed under Triumph Engineers & Associates Pvt.Ltd, Bangalore.

1] Providing the Sealing solution V-Belt Vulcanising Machine.

Client: Bosch India

Project Description: Bosch has developed a **V-Belt Vulcanising Machine** for the customer **J.K.Finner.**
Support for sealing solution including customised seal design, Development, Costing, Production planning.

- Included the work from Technical Discussion with Design team.
- Developing the concept and discussing with customer for feasibility.

- Modeling and CAD drawings for manufacturing using **SOLIDWORKS**.
- Selecting the suitable material off the shelf according to working environment.
- Developing the new vendors based on the requirement.
- Sample production for inhouse demo testing and customer site testing for approval.

2] Customised sealing solution for Modified Vacuum pump.

Client: EVEREST Vacuum & Blowers

Project Description: Everest has developed a vacuum pump which is initially having standard oil seal. Oil seals tend to fail in 2-3 hours of running at 3600 rpm, 12 bar pressure, surface of sealing contact having ceramic coating, under highly acidic chemical medium.

- Discussion with EVEREST design team for cause of failure of current seals, working condition.
- Designing of the Customized sealing solution for their particular requirement.
- Defining the new sealing material suitable for customer requirement.
- Designing of the **CAD** model for production using **SOLIDWORKS**.
- Manufacturing the prototype for on site testing under self supervision.
- Testing, doing a requireable changes in fulfilling the needs and completing the project.

Also completed number of similar projects at Shakti precision Pvt.Ltd, Ajax Fiori Engg, Hydropack Pvt.Ltd, Kenna Metals Pvt.Ltd, VSL India Pvt.Ltd, Technovia Pvt.Ltd, BFW Pvt.Ltd, Hindustan National Glass Pvt.Ltd, under TEA Pvt.Ltd

Projects under DIAMANT Triumph Metalplastics Pvt.Ltd , INDO-German company

3] Rebuilding of the damaged fastners section for tobacco Stem and leaf cutting machine

Client: ITC, Bangalore.

Project Description: Due to acidic juice comes out of the leaf and stems of a tobacco leaves during the cigarette manufacturing process the machines got corroded and their fasteners tends to loose threads which leads to damage of the machine.

- Discussion with the service team, cause for the damage and current working condition.
- Based on the data provided selecting the suitable material based on the required properties and working condition.
- Designing the frame for exact locations of the fasteners, Designing of the chuck nuts to create the threads for fasteners. Providing the CAD models to manufacture.
- Filling up the threads gap with DIAMANT DWH for better locking and improved damping properties, building the surface with UM Ceram Steel, Dichtol for preventing further rusting.

4] Bearing Alignment and Gap compensation between bearing and beams of the steel bridge- Bogibeel Bridge, Assam

Client: Hindustan Construction Company-HCC, Indian railways

Project Description: Due to distortion of the metal during welding and tolerance in the design, the improper gap enveloped between bearing surface and the truss base which leads to failure of the design.

- Discussion with the technical engineers for the root cause of the gap formation, loads on the bearings, environmental challenges.
- Documentation, submission to German head quarters, Discussion for the selection of the material, Application method based on the material property and the technical specs on site.
- Preparing the presentation for application approach, explaining and interacting with the team.
- Calculation of the material consumption, application time, Accessories, Manpower, BOM and providing to the customer.
- Clarification of the doubts with On-site demo and receiving the approval for starting and completion of the project.

Also completed number of such challenging projects in Chenab Bridge Project undertaking AFCONS in Kaudi-J&K, Bogibeel Bridge undertaking HCC in Dibrugarh-Assam, Ashok Leyland, Nexteer Automation India Pvt.Ltd, , Tata Power, Siemens Power plant in Solapur-Maharashtra, Bosch, Kenna metal, BFW, Taurus, so on under DIAMANT Triumph Metalplastics Pvt.Ltd

Academic Details

Class	College	Year	Aggregate
M.tech (Mechanical Machine Design)	Acharya Institute of technology, Bangalore.	2013-15	72%
B.E (Mechanical Engineering)	Rural Engineering College, Hulkoti.	2009-13	62%
PUC	Jagdguru Tontadarya PU College, Gadag.	2007-2009	46%
SSLC	St. John's High School, Gadag	2004-07	90%

Technical Skills

- MS Office (Word, Excel & PowerPoint)
- Creo 2.0, SOLIDWORKS 2017, Autocad, Hypermesh.
- Basics of CNC programming for FANUC Horizontal Turning CNC.
- Basics of Corel Draw.

Strength

- Can handle all type of manufacturing and service projects.
- Effective Communication Skill and Team spirit.
- Leadership quality
- Good team player with good analytical abilities and interpersonal skills.

Personal Details

Date of Birth : 1st June 1991
Sex : Male
Languages Know : Kannada, English and Hindi
Nationality : INDIAN
Marital Status : Single
Hobbies : Swimming, badminton
Address : C/O Dr. B.N. Kabadi
#11-12, 2nd Cross, 1st main
Krishna layout, behind BSNL office
Betageri-gadag-582102
Passport No :

Declaration

To be at the top most get me a chance that would encourage my inner power & I here by declare that the information furnished above is true to the best of m knowledge.
Looking forward for your call as earlier possible.

Date:
Place: Bangalore

Chetan K